

ABSTRACT OF THE DISCLOSURE

An electric power steering apparatus for a vehicle includes a rack shaft having a rack of gear teeth formed at one end portion thereof and an externally threaded screw formed at a portion thereof excluding the toothed one end portion, a pinion meshing with the rack, a ball-screw mechanism having a nut threadedly engaged with the screw via balls, and an electric motor having a hollow motor shaft extending around the rack shaft and connected to the nut such that an assist torque generated by the electric motor is transmitted from the motor shaft via the nut to the rack shaft. The nut is disposed between the rack and the electric motor. This arrangement ensures that the electric motor and the electric power steering apparatus can be assembled easily and efficiently.